

## XP-002196039

AN - 1997-163715 [15]

AP - RU19920001098 19921019

CPY - ALEK-I

DC - Q56

FS - GMPI

IC - F04C18/16

IN - ALEKSANDROVSKII P G; SHTEINBUKH M SH; VOLODARSKII A S

PA - (ALEK-I) ALEKSANDROVSKII P G

PN - RU2065085 C1 19960810 DW199715 F04C18/16 003pp

PR - RU19920001098 19921019

XIC - F04C-018/16

XP - N1997-134841

AB - RU2065085 The compressor consists of a casing (1), drive rotor (2), idler rotor (3), cover (4) and a sealing covering (5).

- The inner surface of the compressor is prepared mechanically by skimming and drying after which the surface is heated up prior to the application of a layered sealed covering. The latter consists of a heat-reacting composition powder which forms an anti-wear and anti-corrosion covering which can compensate for up to 75% of the gap between the casing and the moving parts. A second layer of composite powder is applied by the plasma method after which the cover is saturated with grease or a polymer material and then rolled.
- USE/ADVANTAGE - Used in compressor manufacture. Increase in output. Bul.22/10.08.96.
- (Dwg.1/1)

IW - ASSEMBLE SCREW COMPRESSOR SEAL COVER HEAT REACT MATERIAL

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INW - ALEKSANDROVSKII P G; SHTEINBUKH M SH; VOLODARSKII A S

NC - 001

OPD - 1992-10-19

ORD - 1996-08-10

PAW - (ALEK-I) ALEKSANDROVSKII P G

TI - Means of assembling screw compressor. - Has sealing covering of heat-reacting material.